

INCL INCLM: 435/290.400
INCLS: 435/290.200; 435/290.100
NCL NCLM: 435/290.400
NCLS: 435/290.100; 435/290.200
IC [7]
EXF ICM: C05F017-02
435/290.1; 435/290.2; 435/290.4; 222/185.1

L3 ANSWER 4 OF 4 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS RESERVED. on
STN
AN 2001-0071637 PASCAL
CP Copyright .COPYRGT. 2001 INIST-CNRS. All rights reserved.
TIEN Potential of two epigeic and two anecic earthworm species in
vermicomposting of water hyacinth
AU GAJALAKSHMI S.; RAMASAMY E. V.; ABBASI S. A.
CS Centre for Pollution Control and Energy Technology, Pondicherry
University, Kalapet, Pondicherry 605 014, India
SO Bioresource technology, (2001), 76(3), 177-181, 20 refs.
ISSN: 0960-8524
DT Journal
BL Analytic
CY United Kingdom
LA English
AV INIST-18769, 354000093960790010

=> d hist

(FILE 'HOME' ENTERED AT 11:06:50 ON 17 MAY 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS,
DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 11:07:07 ON 17 MAY
2004

SEA VERMICAST AND VERMICULTUR? AND FEED?

1 FILE IFIPAT
1 FILE PASCAL
3 FILE USPATFULL
1 FILE WPIDS
1 FILE WPINDEX

L1 QUE VERMICAST AND VERMICULTUR? AND FEED?

FILE 'IFIPAT, PASCAL, USPATFULL' ENTERED AT 11:09:38 ON 17 MAY 2004

L2 5 S L1
L3 4 DUP REM L2 (1 DUPLICATE REMOVED)

=>

L3 ANSWER 1 OF 4 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 1
 AN 10353765 IFIPAT; IFIUDB; IFICDB
 TI OLEAGINOUS DRILLING FLUID THAT PRODUCES A USEFUL SOIL AMENDMENT, METHOD
 OF USE AND BIO-REMEDIATION OF THE SAME AND RESULTING SOLIDS
 IN Candler John; Curtis G Wray; Getliff Jonathan (GB); Growcock Frederick;
 McEwan Greg (NZ); Rabke Stephen; Ross Sonya (NZ)
 PA Unassigned Or Assigned To Individual (68000)
 PI US 2003098180 A1 20030529
 AI US 2002-75747 20020214
 PRAI US 2001-268635P 20010214 (Provisional)
 US 2001-269204P 20010215 (Provisional)
 US 2001-269752P 20010219 (Provisional)
 US 2001-298765P 20010616 (Provisional)
 FI US 2003098180 20030529
 DT Utility; Patent Application - First Publication
 FS MECHANICAL
 APPLICATION
 CLMN 59
 GI 20 Figure(s).

FIG. 1 is a graphical representation of exemplary sample data showing the effect of temperature on biodegradation rate of linear paraffin based drilling fluid on simulated cuttings in a bioreactor.
 FIG. 2 is a graphical representation of exemplary sample data showing the effect of time on oxygen uptake rate (OUR) and % oil and/or synthetic drilling fluid on cuttings (ROC) of an linear paraffin based drilling fluid on simulated cuttings in a bioreactor at 25 degrees C.
 FIG. 3 is graphical representation of exemplary sample data showing chromatographic analysis of hydrocarbon content of cuttings in a composting trial over a period of 42 days in which the seven groups correspond to the seven linear paraffins used in the base fluid.
 FIG. 4 is graphical representation of the exemplary sample data showing total petroleum hydrocarbon content detected by GC-FID (mg/kg dry weight) from the first test of vermicomposting.
 FIG. 5 is graphical representation of exemplary sample data showing the total petroleum hydrocarbon content detected by GCFID (mg/kg dry weight) from the control sample of the second test of vermicomposting.
 FIG. 6 is graphical representation of exemplary sample data showing the total petroleum hydrocarbon content detected by GCFID (mg/kg dry weight) from the 30% w/w application rate sample of the second test of vermicomposting.
 FIG. 7 is graphical representation of exemplary sample data showing the total petroleum hydrocarbon content detected by GCFID (mg/kg dry weight) from the 50% w/w application rate sample of the second test of vermicomposting.
 FIG. 8 is graphical representation of exemplary sample data showing the total petroleum hydrocarbon content detected by GCFID (mg/kg dry weight) from the 70% w/w application rate sample of the second test of vermicomposting.
 FIG. 9 is graphical representation of exemplary sample data showing the total petroleum hydrocarbon content detected by GCFID (mg/kg dry weight) from the 100% w/w application rate sample of the second test of vermicomposting.
 FIG. 10 is graphical representation of exemplary sample data of the average total petroleum hydrocarbon content detected by GCFID (mg/kg dry weight) for all application rates of the second test of vermicomposting.
 FIG. 11 is graphical representation of exemplary data of the soil pH values at the initial starting point (T=0) and endpoint (T=60 days).
 FIG. 12 is graphical representation of exemplary data of the soil electrical conductivity values at the initial starting point (T=0) and endpoint (T=60 days).
 FIG. 13 is graphical representation of exemplary data of the soil soluble salt content values at the initial starting point (T=0) and endpoint

(T=60 days).

FIG. 14 is graphical representation of exemplary data of the soil ammonium nitrogen concentration values at the initial starting point (T=0) and endpoint (T=60 days).

FIG. 15 is graphical representation of exemplary data of the soil nitrate nitrogen concentration values at the initial starting point (T=0) and endpoint (T=60 days).

FIG. 16 is graphical representation of exemplary data of the soil nitrite nitrogen concentration values at the initial starting point (T=0) and endpoint (T=60 days).

FIG. 17 is graphical representation of exemplary data of the soil phosphate phosphorous concentration values at the initial starting point (T=0) and endpoint (T=60 days).

FIG. 18 is graphical representation of exemplary data of the soil barium concentration values at the initial starting point (T=0) and endpoint (T=60 days).

FIG. 19 is graphical representation of exemplary data of the soil heavy metal concentration values at the initial starting point (T=0) and endpoint (T=60 days).

FIG. 20 is graphical representation of exemplary data of the hydrocarbon concentration values determined by GC-FID (mg/kg dry weight) over time of the third test of vermicomposting.

L3 ANSWER 2 OF 4 USPATFULL on STN
AN 2003:294428 USPATFULL
TI Treatment of waste materials
IN Ritter, Russell Anthony, Scone, AUSTRALIA
Niederberger, Anthony Martin, Waverton, AUSTRALIA
Smith, Barry James, Eastwood, AUSTRALIA
Lotzof, Mike, Balmain, AUSTRALIA
Bannister, Kelvin, Woodberry, AUSTRALIA
PI US 2003207443 A1 20031106
AI US 2003-410010 A1 20030408 (10)
RLI Division of Ser. No. US 2000-623695, filed on 1 Sep 2000, GRANTED, Pat.
No. US 6548294 A 371 of International Ser. No. WO 1999-AU238, filed on
31 Mar 1999, UNKNOWN
PRAI AU 1998-2828 19980406
DT Utility
FS APPLICATION
LN.CNT 568
INCL INCLM: 435/290.400
INCLS: 414/304.000; 414/305.000; 414/311.000
NCL NCLM: 435/290.400
NCLS: 414/304.000; 414/305.000; 414/311.000
IC [7]
ICM: C12M001-00

L3 ANSWER 3 OF 4 USPATFULL on STN
AN 2003:102266 USPATFULL
TI Device for treatment of waste materials with harvester access zone
IN Ritter, Russell Anthony, Scone, AUSTRALIA
Niederberger, Anthony Martin, Waverton, AUSTRALIA
Smith, Barry James, Eastwood, AUSTRALIA
Lotzof, Mike, Balmain, AUSTRALIA
Bannister, Kelvin, Woodberry, AUSTRALIA
PA Vermitech Pty Limited, New South Wales, AUSTRALIA (non-U.S. corporation)
PI US 6548294 B1 20030415
WO 9951545 19991014
AI US 2000-623695 20000901 (9)
WO 1999-AU238 19990331
PRAI AU 1998-2828 19980406
DT Utility
FS GRANTED
LN.CNT 578